[CLAIMS]

[CLAIM 1]

A microwave oven, comprising:

a cabinet partitioned into a microwave cooking cavity, a toasting cavity, and a machine room;

a microwave generating unit installed in the machine room to irradiate microwaves into the microwave cooking cavity;

a heating unit installed in the toasting cavity to heat the toasting cavity; and

a ventilating unit to ventilate the toasting cavity.

[CLAIM 2]

The microwave oven according to claim 1, wherein the toasting cavity is provided above the microwave cooking cavity, and the machine room is provided at a side of the toasting cavity and the microwave cooking cavity.

[CLAIM 3]

The microwave oven according to claim 2, wherein the heating unit comprises an upper heater installed at an upper portion of the toasting cavity, and a lower heater installed at a lower portion of the toasting cavity, and

a grill member is provided above the lower heater, with bread being placed on the grill member.

[CLAIM 4]

The microwave oven according to claim 2, wherein the ventilating unit comprises:

an air inlet port provided at a predetermined portion on a sidewall between the machine room and the toasting cavity;

a ventilating fan mounted at the portion of the sidewall through which the air inlet port is formed, thus circulating air from the machine room into the toasting cavity; and

an air outlet port provided at a predetermined portion of a wall of the toasting cavity to discharge air from the toasting cavity to an outside.

[CLAIM 5]

The microwave oven according to claim 4, wherein a deodorizing filter is provided at the portion of the wall through which the air outlet port is formed, thus removing odors from the air which is discharged from the toasting cavity to the outside.

[CLAIM 6]

The microwave oven according to claim 2, wherein the toasting cavity and the microwave cooking cavity are opened at fronts thereof, and doors are mounted to the open fronts of the toasting cavity and the microwave cooking cavity, thus opening or closing the toasting cavity and the microwave cooking cavity, respectively.

[CLAIM 7]

The microwave oven according to claim 6, wherein the doors are rotated forward and backward to open or close the toasting cavity and the microwave cooking cavity, respectively.

[CLAIM 8]

The microwave oven according to claim 1, wherein a high-voltage transformer and a high-voltage condenser to apply a high voltage to the microwave generating unit, and a cooling fan to cool the high-voltage transformer and the high-voltage condenser are installed in the machine room.